

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Canceled)

Claim 2 (Currently Amended) A method ~~according to claim 1, further~~ of managing a secure terminal used for transactions with smart cards, comprising:

providing the terminal with a removable electronic security circuit, ~~[[and]]~~

detecting placement of a smart card in contact with the terminal,

executing a program by the terminal, said program including sensitive operations related to making the transactions secure,

~~wherein said counting step comprises~~ counting in said security circuit the number of requests for sensitive operations which are made to said security circuit or sensitive operations executed by said security circuit, and

restricting the action of said terminal when the counted number reaches a predetermined value.

Claim 3 (Currently Amended) A method ~~according to claim 1, further comprising: of~~ managing a secure terminal used for transactions with smart cards, comprising:

detecting placement of a smart card in contact with the terminal,

executing a program by the terminal, said program including sensitive operations related to making the transactions secure,

dividing the sensitive operations into a number of classes, [[and]]

establishing a count counting, externally of the smart card, the number of times a request is made to the terminal to execute sensitive operations for each class, and restricting the action of said terminal when the counted number reaches a predetermined value.

Claim 4 (Currently Amended) A method according to claim [[1]] 2, further comprising:

as a sensitive operation, performing a mutual identification procedure between the terminal and the card.

Claim 5 (Currently Amended) A method according to claim [[1]] 2, further comprising:

as a sensitive operation, performing an authentication of a carrier of the smart card.

Claim 6 (Currently Amended) A method according to claim [[1]] 2, further comprising:

as a sensitive operation, performing a verification of a certificate coming from a smart card.

Claim 7 (Currently Amended) A method ~~according to claim 1, further including the step of~~

managing a secure terminal used for transactions with smart cards, comprising:

detecting placement of a smart card in contact with the terminal,

executing a program by the terminal, said program including sensitive operations related to making the transactions secure,

counting, externally of the smart card, the number of times a request is made to the terminal to execute sensitive operations,

restricting the action of said terminal when the counted number reaches a predetermined value, and

re-initializing the counted number by a secure procedure including a verification of a secret code by the terminal or a security circuit.

Claim 8 (Previously Presented) A method according to claim 7, wherein the secure procedure includes a verification of a secret code by the terminal or the security circuit.

Claim 9 (Previously Presented) A method according to claim 7, wherein the re-initialization is performed remotely by a master system.

Claim 10 (Currently Amended) A method ~~according to claim 1, wherein~~ of managing a secure terminal used for transactions with smart cards, comprising:

detecting placement of a smart card in contact with the terminal,

executing a program by the terminal, said program including sensitive operations related to making the transactions secure,

counting, externally of the smart card, the number of times a request is made to the terminal to execute sensitive operations,

incrementing the counted number ~~is incremented~~ after a successful sensitive operation, and

restricting the action of said terminal when the counted number reaches a predetermined value.

Claim 11 (Currently Amended) A method ~~according to claim 1, wherein for restricting, of~~
managing a secure terminal used for transactions with smart cards, comprising:

detecting placement of a smart card in contact with the terminal,

executing a program by the terminal, said program including sensitive operations
related to making the transactions secure,

counting, externally of the smart card, the number of times a request is made to the
terminal to execute sensitive operations, and

preventing only secure operations of the executing program ~~are prevented~~ when the
counted number reaches a predetermined value.

Claim 12 (Currently Amended) A security circuit for implementing the method according to
claim ~~[[1]]~~ 2, comprising management means that is capable of:

identifying and counting requests coming from outside the security circuit, and

restricting functions of said security circuit as soon as the counted number reaches a
predetermined number.

Claim 13 (Previously Presented) A method according to claim 2, further comprising:

dividing the sensitive operations into a number of classes and

establishing a count for each class.

Claim 14 (Previously Presented) A method according to claim 13, further comprising:

as a sensitive operation, performing a mutual identification procedure between the
terminal and the card.

Claim 15 (Previously Presented) A method according to claim 14, further comprising:
as a sensitive operation, performing an authentication of a carrier of the smart card.

Claim 16 (Previously Presented) A method according to claim 13, further comprising:
as a sensitive operation, performing a verification of a certificate coming from a smart card.

Claim 17 (Previously Presented) A method according to claim 13, wherein a counter is re-initialized by a secure procedure including a verification of a secret code by the terminal or the security circuit.

Claim 18 (Previously Presented) A method according to claim 17, wherein the secure procedure includes a verification of a secret code by the terminal or the security circuit.

Claim 19 (Previously Presented) A method according to claim 17, wherein the re-initialization is performed remotely by a master system.

Claim 20 (Previously Presented) A method according to claim 13, wherein a counter is incremented after a successful sensitive operation.

Claim 21 (Previously Presented) A method according to claim 13, wherein for restricting, only secure operations of the executing program are prevented.

Claim 22 (Previously Presented) A security circuit for implementing the method according to claim 13, comprising management means that is capable of:

identifying and counting requests coming from outside the security circuit, and
restricting functions of the security circuit as soon as the counted number reaches a predetermined number.

Claim 23 (Previously Presented) A method according to claim 19, wherein a counter is incremented after a successful sensitive operation.

Claim 24 (Previously Presented) A method according to claim 19, wherein for restricting, only secure operations of the executing program are prevented.